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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Pechanek et al.

Serial No.: 10/004,010

Filed: November 1, 2001

For: METHODS AND APPARATUS FOR EFFICIENT COMPLEX LONG  
MULTIPLICATION AND COVARIANCE MATRIX IMPLEMENTATION

Group: 2124

Examiner: Do, Chat C

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Durham, North Carolina  
January 4, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATION OF FACSIMILE TRANSMISSION**

Sirs:

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax. No. 703-872-9306 on the date set forth below.

1. Amendment Transmittal (2 pages)
2. Amendment (22 pages)

Marianna Tortorelli

Printed name of person signing

*Marianna Tortorelli*

Signature

Date: January 4, 2005

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Amendment Transmittal

Sir:

1. Transmitted herewith is an Amendment for the above-identified application, responsive to an Office Action dated October 5, 2004.

**FEE FOR CLAIMS AS AMENDED**

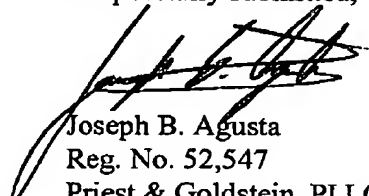
2. ☒ [ X ] No additional fee is required.  
☐ [ ] The additional fee has been calculated as shown below:

## CLAIMS AS AMENDED

	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate		Additional Fee
Total Claims	31	-	41	0	x \$50.00	=	0.00
Independent Claims	6	-	8	0	x \$200.00	=	0.00
Multiple Dependent Claims		-			x \$360.00	=	
TOTAL							\$ 0.00

3. ☐ Enclosed is our check for \$ \_\_\_\_\_ to cover the filing fee.
- ☐ Charge the fee of \$ \_\_\_\_\_ to Law Offices of Peter H. Priest **Deposit Account No. 50-1058.**
- ☐ Charge the fee of \$ \_\_\_\_\_ for a 1 month extension of time to Law Offices of Peter H. Priest **Deposit Account No. 50-1058.** This letter petitions for a 1 month extension of time to respond.
4. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required for this amendment, including any fee for extension of time or credit any overpayment to Law Offices of Peter H. Priest **Deposit Account No. 50-1058.**

Respectfully submitted,

  
Joseph B. Agusta  
Reg. No. 52,547  
Priest & Goldstein, PLLC  
5015 Southpark Drive, Suite 230  
Durham, NC 27713-7736  
(919) 806-1600

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January 4, 2005

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Alexandria, VA 22313-1450

Amendment

Sir:

In response to the Official Action of October 5, 2004, please amend the above identified application as follows: